Subject Index

(*Book Review, §Videotape Review)

Affinity chromatography (expt) 94
Aldolase 193
Alkaloids* 108
Animal use* 165
Antibodies* 220
Antibody-mediated delivery* 52
Apolipoproteins 63
Assessment* 162
ATP, Role of 86
Australia, Biochemistry in 196

Biochemical Science Degree 26
Biotechnology 159, 199
Biotechnology§ 25
Biotechnology* 52
Biotechnology, Training for 13
Bioorganic Chemistry* 222
Blood Coagulation* 109
Brain Lipids (expt) 211
Brazilian biochemists 127

Cameroons, Biochemistry in 145
Cell Biology* 163
Cellular Signals§ 156
Chemical Abstracts* 53
Chemical Carcinogenesis* 106
Chromatography, Advances in* 221
Chromolytic substrate (expt) 154
Classroom Communications* 218
Clinical Studies in Biochemistry* 50
Citric acid cycle 104
Communication Exercises* 104
Complex approach to teaching 16
Computer-aided modeling 135
Computer-assisted learning 34
Computers in education* 109
Computers, Networking 80
Cytoskeletal proteins* 222

Daltons 202
Dental Curriculum 203
Diabetes§ 25
Diffusion Coefficients (expt) 99
Disease, Molecular basis of* 109
DNA Electrophoresis (expt) 150
Dynamics of proteins* 220

Editorials 1, 57, 113, 169
Electrophoresis* 107
Electrophoresis (expt) 151
ELISA* 109
Energy* 160
Enzyme kinetics 139
Enzymes in analysis 142
Evolution* 107
Experimental biochemistry* 216
Experimental data* 218

Free energy changes 92, 190
Flu§ 156
Food Composition* 51

Gel filtration (expt) 148
Gene amplification* 106
Gene cloning program 215
Gene, structure and function* 106
Genetics* 221
Genetic engineering* 105
Glycoproteins 170, 179
Greece, Biochemical Education in 69

Harvey Lectures* 218
Henderson's Dictionary, 10th Edn* 219
HPLC, Computer learning 158

Immunological Methods* 164, 220
Immunology§ 157
Indigenous Fermented Foods* 216
Insulin* 103
Interesting Things to Do* 165
IUB Fellows Course 19, 79

Kashmir, Biochemistry in 84

Learning Process 127
Lectures* 105
Lectures, More Exciting 9
Letter to Editor 165
Lexicon 55, 111, 167, 223
Lipids (expts) 209, 211
Love of Enzymes* 217

Malaysia, Biochemical Education in 122
Marketing approach 26
Medical Education 16, 29
Medicinal Chemistry, Topics in* 53
Membrane Enzymes (expt) 42
Metabolic pathways chart 146
Metabolism 31
Metal ions* 220
Microcomputer software 102, 103, 214, 215
Micromanipulation§ 136
Minireview compendium* 93
Model Membranes (expt) 209
Model questions 141
Modern Biology, Guide to* 219
Molecules of life* 53
Molecular Modeller 214
Monash University 196
mRNA (expt) 45

Odyssey of a Biochemist* 217
Oral Cavity* 108
Organelles* 159

Pasteur, book* 208
Peptide chemistry* 164
Pharmaceuticals§ 25
PhD Degree 58
Prague IUB Meeting 6
Problem solving* 108
Prostaglandins* 108
Protein purification (expt) 155
Protein structure* 158, 219

Reaction patterns 207
Red cell Membranes* 53
Research lab Management* 52
Restriction mapping (expt) 48
Reversible reactions 190
Roots of Modern Biochemistry* 51
RUBISCO (expt) 96

Scientific Discovery* 163
Sequence prediction (expt) 36
Sickle cell anaemia 2

Soil Biochemistry 77
Spectrophotometry 151
Squiggle 133
Statue within* 217
Students' development 29
Subcellular fractionation* 102
Subcellular fractionation (expt) 213

Targetting, Protein 144
Tongji Medical University 74
Transgenic technique§ 157
Triose phosphate isomerase 193
Turkey, Biochemistry in 23
Turning over an old leaf 54, 110, 166
Tutorials* 161
Twenty-first Century, Teaching for 6

Undergraduate Education, Principles of 140

Vaccines* 47
Videotape Reviews 25, 136, 156

X-rays for everyone* 221

Yugoslavia, Biochemistry in 21

Author Index
(*Review)

Abraham, A. K. 92
Abu-Salah, K. M. 203
Adams, K. R. 26
Alayash, A. I. 2
Andrews, D. A. 106*
Augusto, O. 209
Aviles, F. X. 36

Berry, J. A. 96
Black, K. 164*
Blair, G. E. 25*, 85*, 106*, 150, 157*
Bohley, P. 163*
Bonaventura, J. 2
Bratt, T. D. 53*
Brosemer, R. W. 31
Brown, B. S. 218*
Bryant, R. 106*
Burma, D. P. 165*

Cabezas, J. A. 42
Campbell, P. N. 105*, 114, 163*, 217*
Candlish, J. 51*
Candlish, J. K. 54*, 166*
Carmona-Ribeiro, A. M. 209
Carrington, J. 00
Carroll, M. 74
Chaplin, M. 142
Chaplin, M. F. 158*
Chickering, A. W. 140
Clarke, J. B. 134
Clayton, K. L. 108*
Cole, C. R. 179
Curti, C. 213
Cushman, S. Y. 53*

Darvey, I. G. 193
Dasso, L. 207
De Meis, L. 127
Dewhurst, S. 202
Diwan, A. M. 141
Dodds, P. F. 138
Domngang Mbiapo, F. 145
Donma, M. M. 63
Donma, O. 63

Earle, D. P. 156*
Edwards, C. 102*
Evans, T. J. 219*

Falcao, E. B. M. 127
Foguet, M. 36

Gamson, Z. F. 140
Geddes, A. J. 103*, 214*
Gough, R. N. 107*
Grunwald, P. 99

Hammerstedt, R. H. 211
Hanson, R. W. 86, 160*
Harvey, J. 162*
He, S. 74
Hepfer, C. E. 48
Higgins, S. J. 50*
Hill, P. 220*
Husic, H. D. 94
Hywel Thomas, J. 25*

Ingham, E. 47, 157*, 166*

Jackson, P. 221*
Johnson, R. R. 53*

Kenny, J. 164*
King, N. 109*
Kingston, D. D. 222*
Kumar, A. 148

Learmonth, R. P. 80
Llanillo, M. 42
Longo, P. H. 127

Mahn, M. M. 94
Malhotra, O. P. 148
McCormack, J. G. 103*
McIntosh, J. 219*
McPherson, M. J. 53*
Mikes, V. 155
Miller, P. G. G. 102*
Moradas-Ferreira, P. 215*
Morrison, J. F. B. 50*
Mortimer, M. G. 219*
Murison, J. 52*
Musil, J. 16

Nelsestuen, G. L. 190
Nelson, J. W. 218*
Ng, F. M. 196
Ngulube, T. J. 51*
Nikolov, T. K. 13

O'Kennedy, R. 199
Oddy, J. 216*
Onuorah, N. H. 79

Parish, J. H. 221*
Parslow, G. 156*
Perez-Mateos, M. 77
Pike, C. S. 96
Prats, M. 151
Preece, T. J. E. 158*
Price, R. 138

Quelle, F. W. 211

Raxworthy, M. J. 25*, 85*
Reid, D. L. J. 221*

Safarik, I. 154
Sanchez-Yague, J. 42
Savage, K. 164*
Schweisguth, D. C. 211
Seshadri, H. S. 170
Shylaja, M. 170
Siddiqi, N. 20
Smith, B. B. 220*
Smith, C. A. 133, 179
Smith, D. N. 109*

Tayyab, S. 84
Turchi, S. L. 48

Uribe, S. 19
Uyemura, S. A. 213

Valle, E. M. 19
Van Winkle, L. J. 29
Vella, F. 6, 23, 52, 161*, 165*, 218*, 93*, 105*, 107*, 108*, 109*
Vlugter, M. 34

Wachob, G. 211
Wade, R. D. 109*
Walker, J. H. 150, 159*
Wang, J. 74
Watson, P. 52*
Wolf, E. C. 45
Wood, E. J. 9, 157*, 161*, 162*, 104, 104*, 110*, 208*, 216*, 221*
Woodward, J. R. 52*, 159*
Worth, H. 222*
Wright, K. 220*

ISSN 0307–4412

Printed in Great Britain by Express Litho Service (Oxford)

Reproduced with the permission of Pergamon Press Inc., by University Microfilms Inc. Duplication or resale without permission is prohibited.